

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Ku, *et al.*

SERIAL No.: (not yet assigned)

FILED: February 27, 2003

FOR: PROCESS FOR PREPARING 2-METHYLPYRROLIDINE AND SPECIFIC ENANTIOMERS THEREOF

EXAMINER: (not yet assigned)

GROUP ART UNIT: (not yet assigned)

CASE NO.: 7044US02

Express Mail Label No.: EV321155125US

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as Express Mail Post Office to Addressee Service under 37 C.F.R. 1.10 addressed to:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date of Deposit: February 27, 2004

Tanya Parent 2/27/04  
Tanya Parent Date

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:


Pursuant to 37 C.F.R. §§ 1.56 and 1.97, Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. Applicants respectfully petition and request that the Examiner consider the listed documents and evidence such consideration by making appropriate notations on the attached form. Copies of the listed documents are attached.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

The Commissioner is authorized to charge our Deposit Account any additional fees (or credit any over payments) that may be required under 37 C.F.R. §§ 1.16 and 1.17 in association with this communication for which full payment has not been tendered.

Respectfully submitted,  
Ku, et al.

ABBOTT LABORATORIES  
Customer Number 23492  
Telephone: (847) 937-8272  
Facsimile: (847) 938-2623

  
Portia Chen  
Registration No. 44,075  
Attorney for Applicants

<b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b> (Modified) <b>PATENT AND TRADEMARK OFFICE</b>	<b>ATTY. DOCKET NO.</b> <b>7044US012</b>	<b>SERIAL NO.</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>APPLICANT(S)</b> <b>Yi-Yin Ku, et al.</b>	
(37 CFR 1.98 (b))	<b>FILING DATE</b> <b>February 27, 2004</b>	<b>GROUP</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUB CLASS	FILING DATE

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES NO
	B1	02/074758	26.09.2002	WO		

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

C1	Ackermann et al., "12. Approaches to the Synthesis of Cytochalasans. Part 9") A Versatile Concept Leading to All Structural Types of Cytochalasans," Helvetica Chimica Acta 73(1):122-132 (1990)
C2	Andres et al., "A simple stereoselective synthesis of enantiopure 2-substituted pyrrolidines and piperidines from chiral (R)-phenylglycinol-derived bicyclic 1,3-oxazolidines," Eur. J. Org. Chem. 1719-1726 (2000)
C3	Donner et al., "Conversion of chiral amino acids to enantiomerically pure $\alpha$ -methylamines," Tetrahedron Letters 36(8):1223-1226 (1995)
C4	Elworthy et al., "The configurational stability of chiral lithio $\alpha$ -amino carbanions. The effect of Li-O vs. Li-N complexation," Tetrahedron 50(20):6089-6096 (1994)
C5	Gaffield et al., "Chiroptical properties of n-nitrosopyrrolidines and n-nitrosamino acids," Tetrahedron 37:1861-1869 (1981)
C6	Karlsson et al., "Binding of peptides in solution by the <i>Escherichia coli</i> chaperone PapD as revealed using an inhibition ELISA and NMR spectroscopy," Bioorganic & Medicinal Chemistry 6:2085-2101 (1998)
C7	Karrer et al., "270. Conversion of optically active $\alpha$ -amino carboxylic acids into optically active amines with identically carbon skeleton structures," Helv. Chim. Acta 34:2202-2210 (1951)
C8	Kunoi et al., "Asymmetric induction in the [2,3] sigmatropic rearrangement via chiral ammonium ylides," Chemistry Letters 1077-1080 (1980)
C9	Marshall et al., "Synthesis of 7(8)-desoxyasperdiol. A precursor of the cembranoid asperdiol," J. Org. Chem. 51:858-863 (1986)
C10	Nijhuis et al., "Stereochemical aspects of the <i>tert</i> -amino effects". 2. Enantio- and diastereoselectivity in the synthesis of quinolines, pyrrolo[1,2- <i>a</i> ]quinolines, and [1,4]oxazino[4,3- <i>a</i> ]quinolines," J. Org. Chem. 54:209-216 (1989)
C11	Olah et al., "Synthetic methods and reactions. 112.1 Synthetic transformations with trichloromethylsilane/sodium iodide reagent," J. Org. Chem. 48:3667-3672 (1983)
C12	Yamada et al., "A biogenetic-type asymmetric cyclization syntheses of optically active $\alpha$ -cyclocitral and <i>trans</i> - $\alpha$ -damascone," Tetrahedron Letters 5:381-384 (1973)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.